

CLAIMS

I claim:

1. A cordless telephone system including at least one cordless base connected to a telecommunications interface and at least one handset in wireless communications with the said cordless base, wherein the said handset further contains a wireless receiver that can receive wireless communications from at least one wireless sensor.
2. The cordless telephone system in claim 1 wherein the said telecommunications interface is a telephone line of the type typically provided by a public switched telephone network.
3. The cordless telephone system in claim 1 wherein the said telecommunications interface in an ethernet based connection or the type typically provided by wired or wireless internet services.
4. The cordless telephone system in claim 1 wherein the said telecommunications interface is a commercial mobile radio service.
5. The cordless telephone system in claim 1 wherein the said wireless sensor can be used to detect intrusion.
6. The cordless telephone system in claim 1 wherein the said wireless sensor can be used to detect smoke.
7. The cordless telephone system in claim 1 wherein the said wireless sensor can be used to detect fire.
8. The cordless telephone system in claim 1 wherein the said wireless sensor can be used to detect the breakage of glass.
9. The cordless telephone system in claim 1 wherein the said wireless sensor can be used to detect temperature.
10. The cordless telephone system in claim 1 wherein the said wireless sensor operates in a first frequency band different from a second frequency band that is used between the said cordless base and the said handset.
11. The cordless telephone system in claim 1 wherein the said wireless sensor operates under at least one subpart of FCC rule section 47 CFR 15.231.

12. The cordless telephone system in claim 1 wherein the said wireless sensor operates in a first frequency range that is never used during wireless communications between the said cordless base and the said handset.
- 5 13. The cordless telephone system in claim 1 wherein the said wireless sensor operates in a frequency band that is between 300 MHz and 500 MHz.
14. The cordless telephone system in claim 1 wherein the said handset can forward a wireless communications received from the said wireless sensor to the said cordless base.
- 10 15. The cordless telephone system in claim 1 wherein the said handset can interpret the wireless communications received from the said wireless sensor and determine whether to forward the wireless communications to the cordless base.
16. The cordless telephone system in claim 1 wherein the said handset can send a message to the said cordless base indicating that the said wireless receiver has received a message from the said wireless sensor.
- 15 17. The cordless telephone system in claim 1 wherein the said handset can cause an audio alert.
18. The cordless telephone system in claim 18 wherein the cordless telephone system further contains a second handset and wherein the said audio alert is caused at the second handset.
- 20 19. A cordless telephone system including at least one cordless base connected to a telecommunications interface and at least one handset in wireless communications with the cordless base, wherein the said cordless base further contains a wireless receiver that can receive wireless communications from at least one wireless sensor.
20. The cordless telephone system in claim 19 wherein the said telecommunications interface is a telephone line of the type typically provided by a public switched telephone network.
- 25 21. The cordless telephone system in claim 19 wherein the said telecommunications interface in an ethernet based connection or the type typically provided by wired or wireless internet services.

22. The cordless telephone system in claim 19 wherein the said telecommunications interface is a commercial mobile radio service.
23. The cordless telephone system in claim 19 wherein the said wireless sensor can be used to detect intrusion.
- 5 24. The cordless telephone system in claim 19 wherein the said wireless sensor can be used to detect smoke.
25. The cordless telephone system in claim 19 wherein the said wireless sensor can be used to detect fire.
- 10 26. The cordless telephone system in claim 19 wherein the said wireless sensor can be used to detect the breakage of glass.
27. The cordless telephone system in claim 19 wherein the said wireless sensor can be used to detect temperature.
- 15 28. The cordless telephone system in claim 19 wherein the said wireless sensor operates in a first frequency band different from a second frequency band that is used between the said cordless base and the said handset.
29. The cordless telephone system in claim 19 wherein the said wireless sensor operates under at least one subpart of FCC rule section 47 CFR 15.231.
- 20 30. The cordless telephone system in claim 19 wherein the said wireless sensor operates in a first frequency range that is never used during wireless communications between the said cordless base and the said handset.
31. The cordless telephone system in claim 19 wherein the said wireless sensor operates in a frequency band that is between 300 MHz and 500 MHz.